

1 / 16

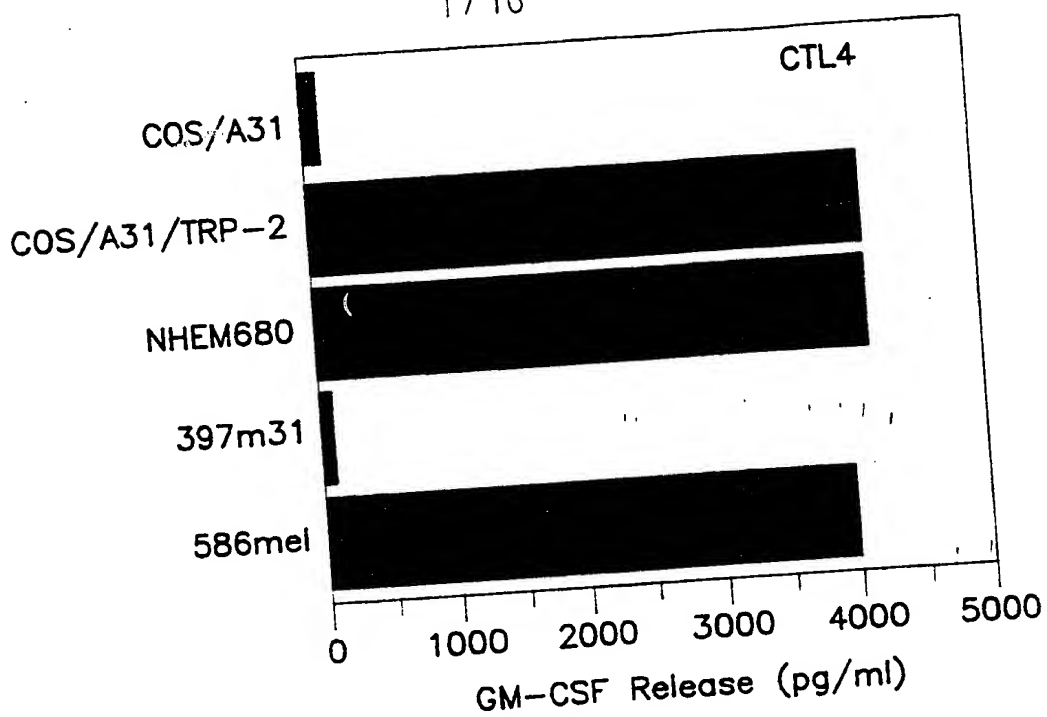


FIG. 1A

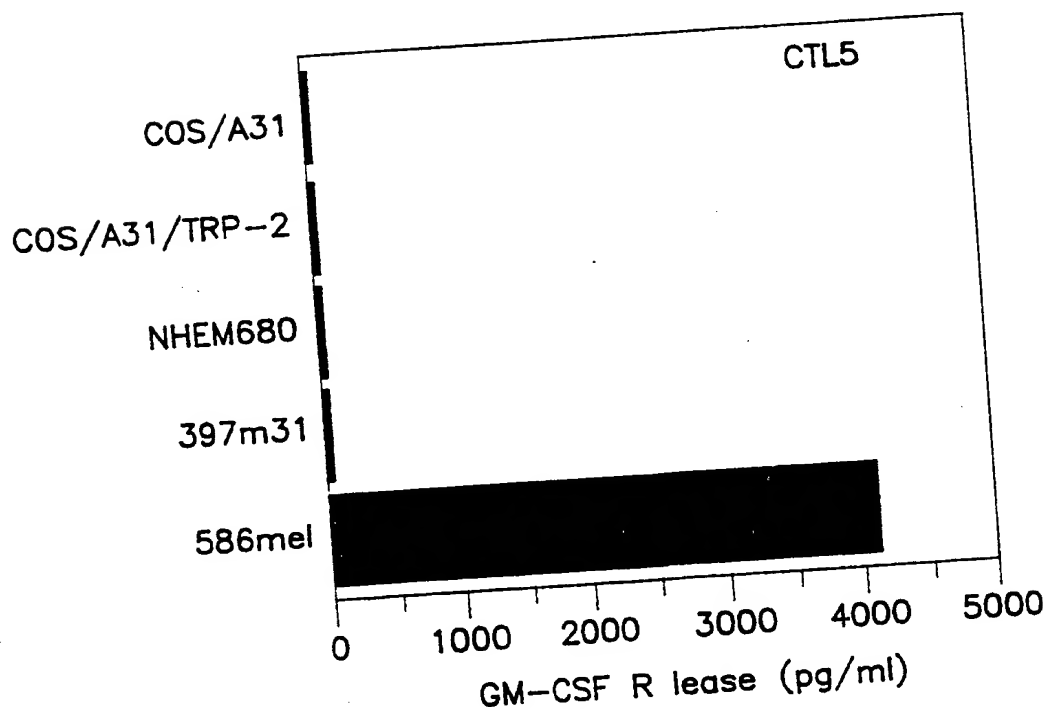


FIG. 1B

2 / 16

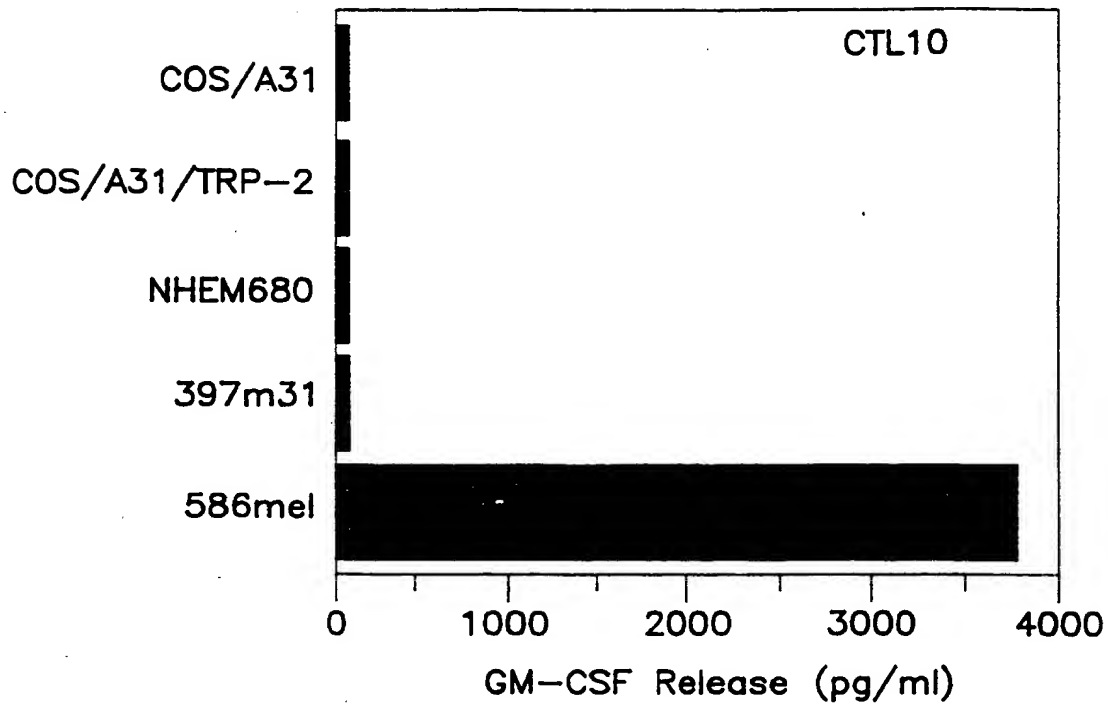


FIG. 1C

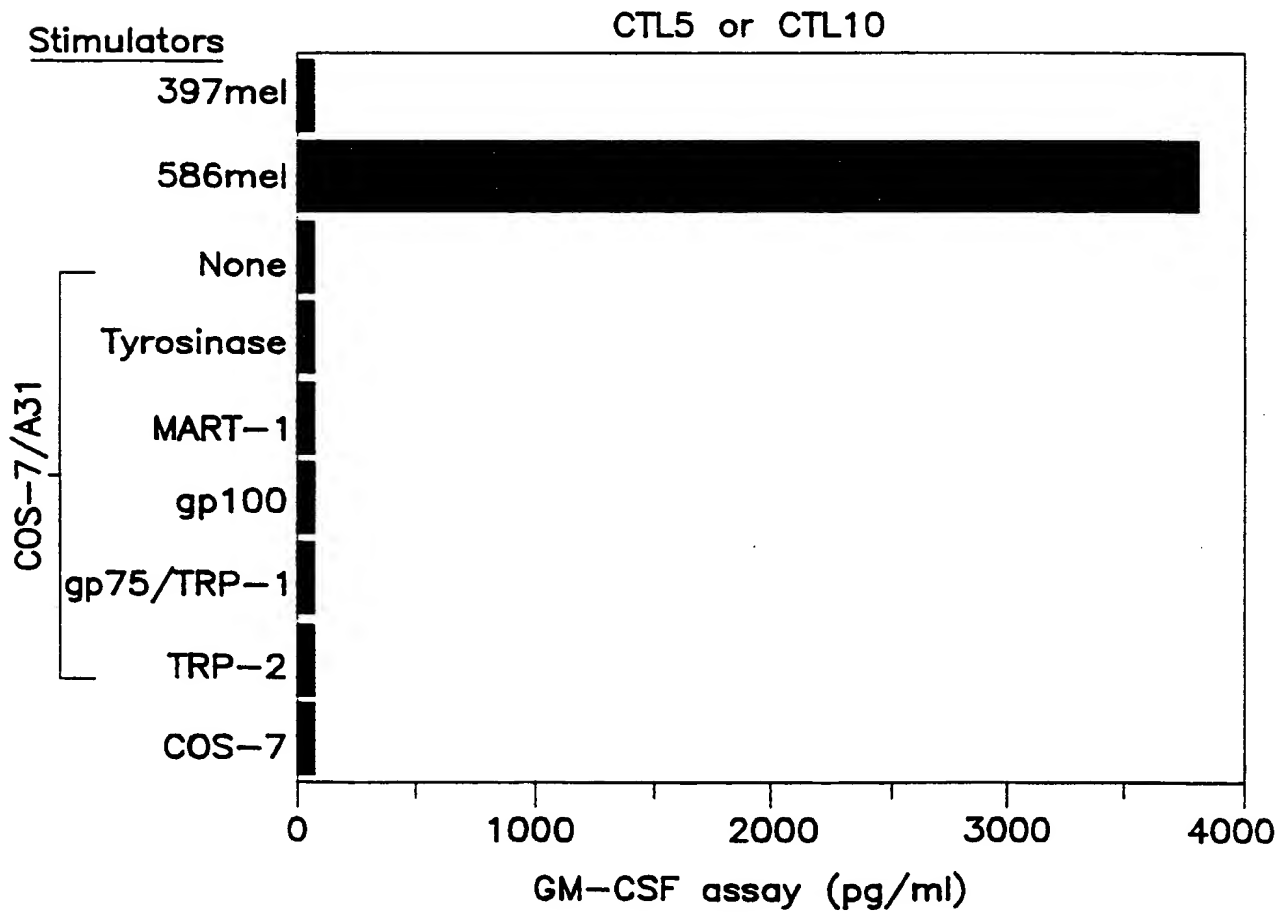


FIG. 2

SUBSTITUTE SHEET (rule 26)

3 / 16

SEQ ID NO:1 AGCAGGGGGCGCTGTGTGTACCGAGAATACGAGAATACCTCGTGGGCCCTGACCTT

SEQ ID NO:2
↓
CTCTCTGAGAGCCGGGCAGAGGCTCCGGAGCCATGCAGGCCGAAGGCCGGGGCACA

(SEQ ID NO:4)ORF1▶ M Q A E G R G T
SEQ ID NO:3
↓
GGGGGTTTCGACGGGCGATGCTGATGGCCCAGGAGGCCCTGGCATTCTGATGGCCC

ORF1▶ G G S T G D A D G P G G P G I P D G P

(SEQ ID NO:5)ORF2▶ M L M A Q E A L A F L M A

AGGGGGCAATGCTGGCGGGCCAGGAGAGGCGGGTGCCACGGGCGGCAGAGGTCCCC

ORF1▶ G G N A G G P G E A G A T G G R G P

ORF2▶ Q G A M L A A Q E R R V P R A A E V P

GGGGCGCAGGGGCAGCAAGGGCCTCGGGGCCGGGAGGAGGCGCCCCGCGGGGTCCG

ORF1▶ R G A G A A R A S G P G G G A P R G P

ORF2▶ G A Q G Q Q G P R G R E E A P R G V R

CATGGCGGCGCGGCTTCAGGGCTGAATGGATGCTGCAGATGCGGGGCCAGGGGGCC

ORF1▶ H G G A A S G L N G C C R C G A R G P

ORF2▶ M A A R L Q G

FIG. 3A-1

4 / 16

GGAGAGCCGCCTGCTTGAGTTCTACCTCGCCATGCCTTTCGCGACACCCATGGAAG
ORF1▶ E S R L L E F Y L A M P F A T P M E
CAGAGCTGGCCCGCAGGAGCCTGGCCCAGGATGCCCCACCGCTTCCCGTGCCAGGG
ORF1▶ A E L A R R S L A Q D A P P L P V P G
GTGCTTCTGAAGGAGTTCACTGTGTCCGGCAACATACTGACTATCCGACTCACTGC
ORF1▶ V L L K E F T V S G N I L T I R L T A
TGCAGACCACCGCCAACTGCAGCTCTCCATCAGCTCCTGTCTCCAGCAGCTTTCCC
ORF1▶ A D H R Q L Q L S I S S C L Q Q L S
TGTTGATGTGGATCACGCAGTGCTTTCTGCCCCGTGTTTTTGGCTCAGCCTCCCTCA
ORF1▶ L L M W I T Q C F L P V F L A Q P P S
GGGCAGAGGCGCTAAGCCCAGCCTGGCGCCCCCTTCCTAGGTCATGCCTCCTCCCCT
ORF1▶ G Q R R
AGGGAATGGTCCCAGCACGAGTGGCCAGTTCATTGTGGGGGCCTGATTGTTTGTCTG
CTGGAGGAGGACGGCTTACATGTTTGTCTGTAGAAAATAAACTGAGCTACGAA
AAAAAAAAAAAAAAAAAAAAA

FIG. 3A-2

5 / 16

SEQ ID NO:60 ENT F E. coli 894 QAAATGGDARQLVGYLVQSGL-PLDTSAL--QAQLRETLPPHMPVVLQ 941

SEQ ID NO:57 + A G ++R L YL P++ + L + PP VP VLL+

SEQ ID NO:55 ESO-ORF1 77 RCGARGPESRLLEFYLAM-PFATPMEAEIA--RRSLAQDAPPLVPGVLLKEFTVSGNITLTIRL 137

SEQ ID NO:58 + G GP + LLEF L M P+ T + LA R SLA A LP+ +L E ++ G + +L

SEQ ID NO:61 TEGU HSV11 604 OAGVAGPAAALLEFTLNMLPWKTAVGDFLASTRLSLADVA AHLPLVQHVLDENSLIGRLALAKL 667

SEQ ID NO:56 ESO-ORF2 1 MLMAQEALAFMLAQGAMLAQAQERRV 25

SEQ ID NO:59 M EAL FLN Q M+ A + V

SEQ ID NO:62 GDH C.symb 348 MPTTNEALRFLMQQPNM VVAPSKAV 372

FIG. 3B

6 / 16

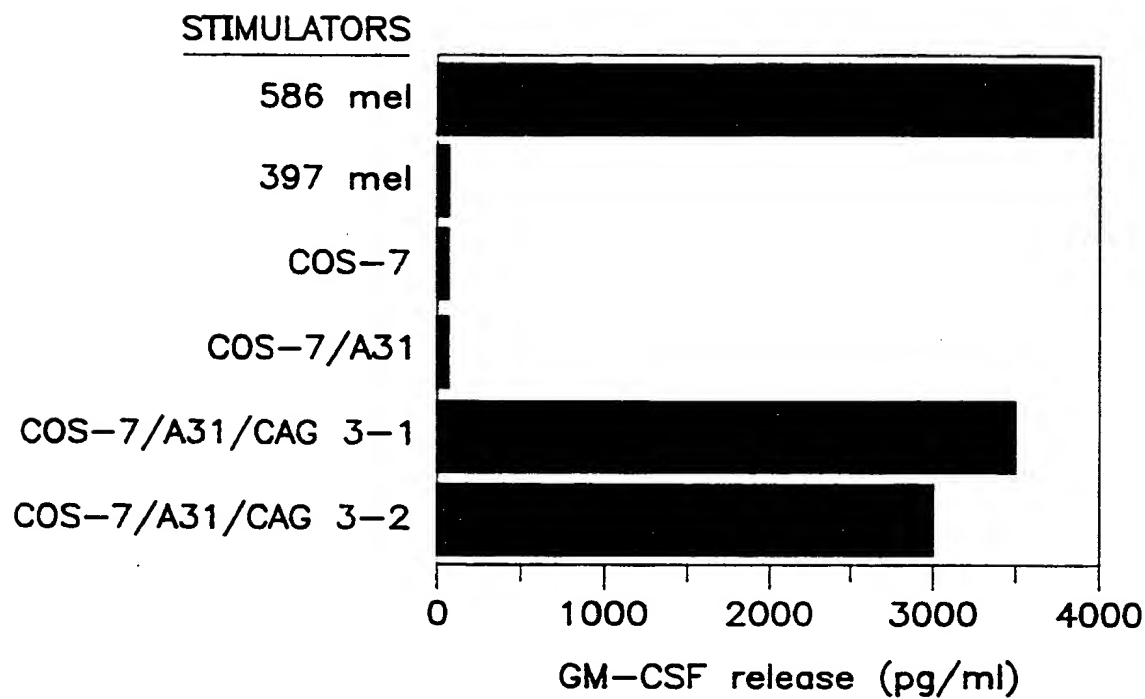


FIG. 4

7 / 16

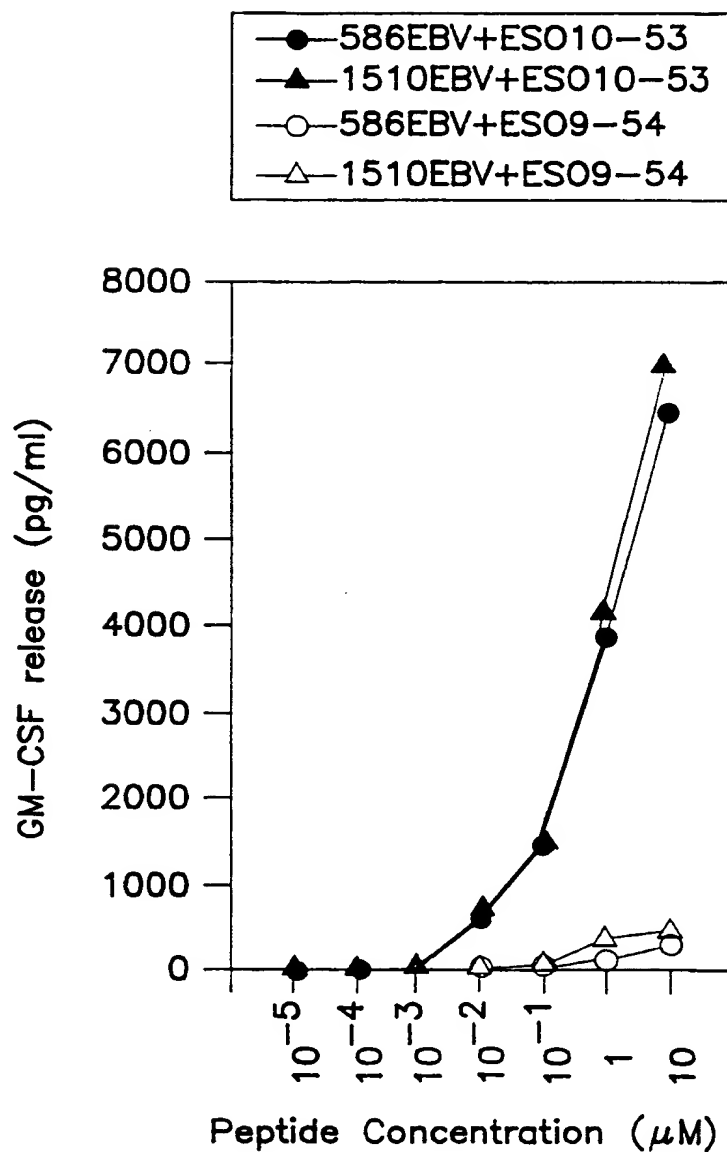


FIG. 5A

8 / 16

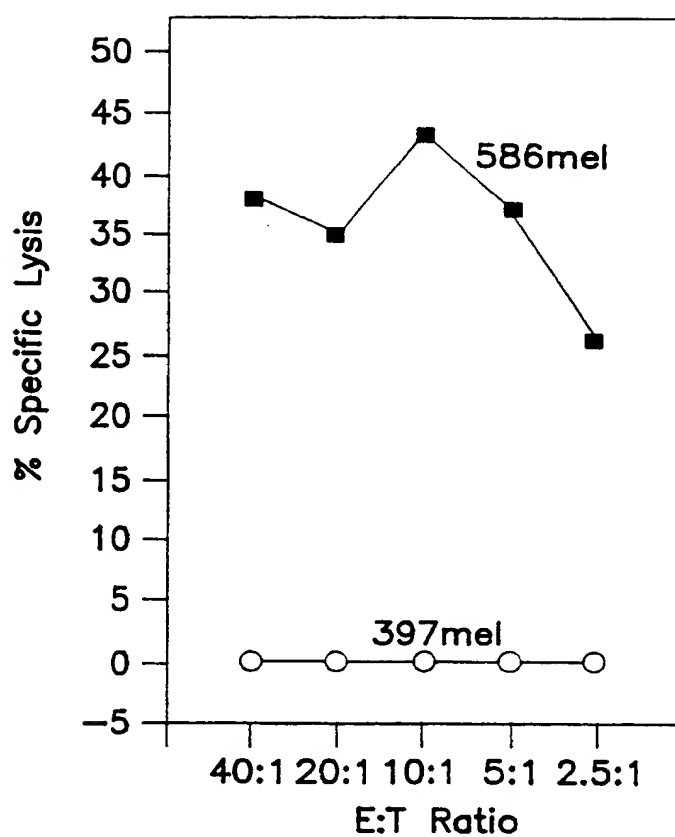


FIG. 5B

9 / 16

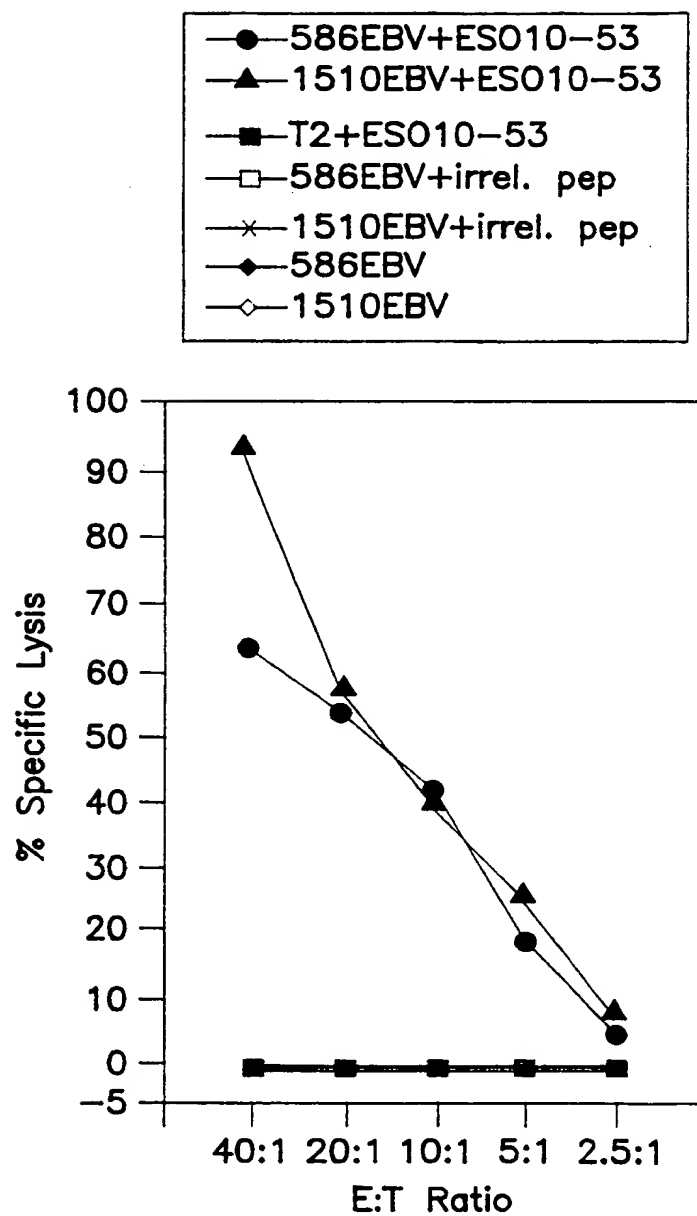


FIG. 5C

10 / 16

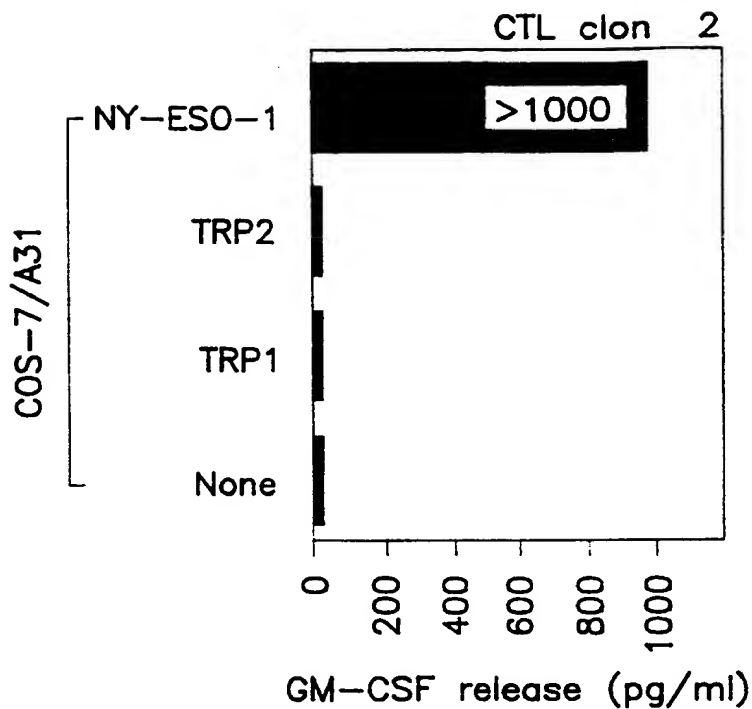


FIG. 6A

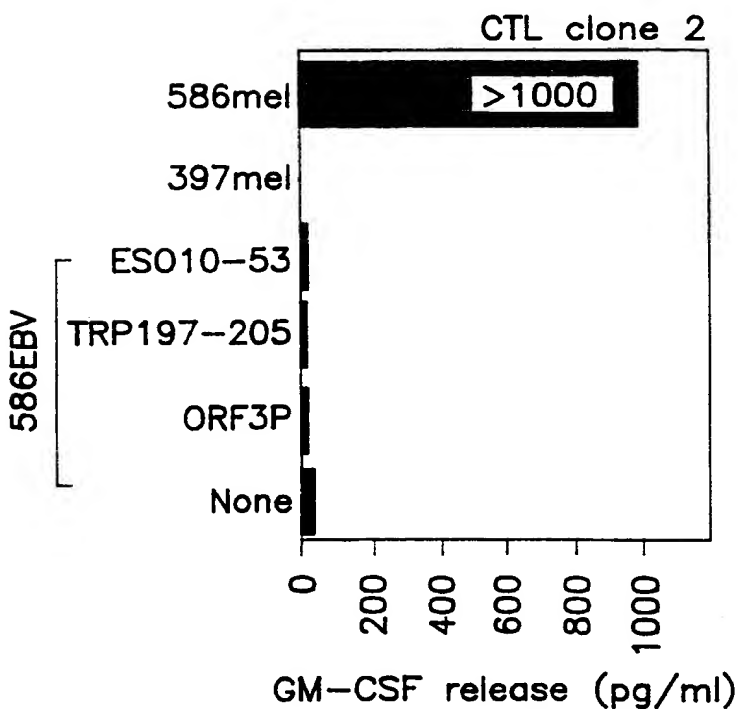


FIG. 6B

11 / 16

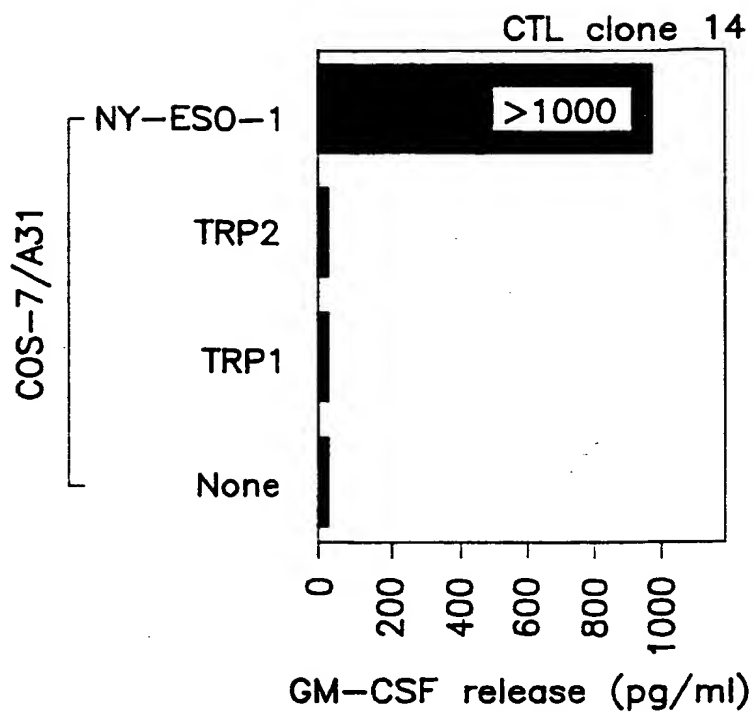


FIG. 6C

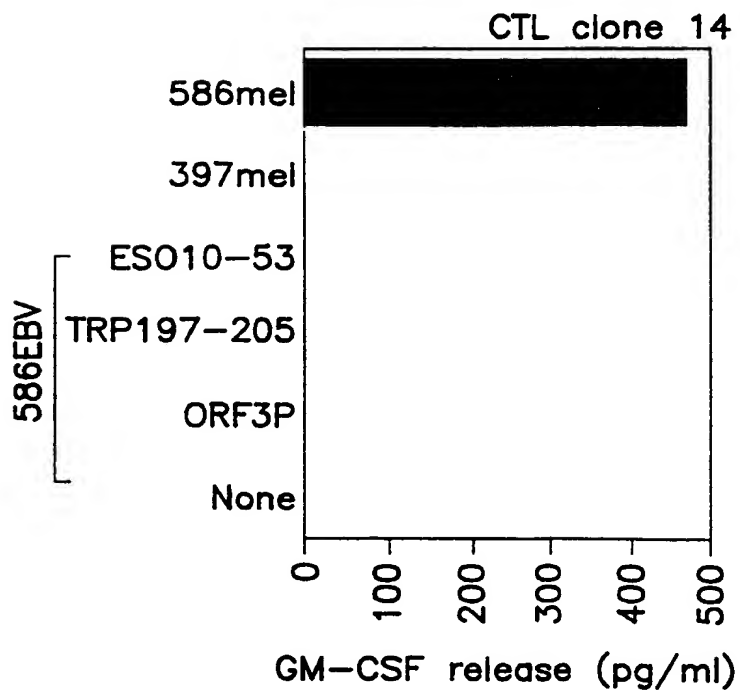


FIG. 6D

12 / 16

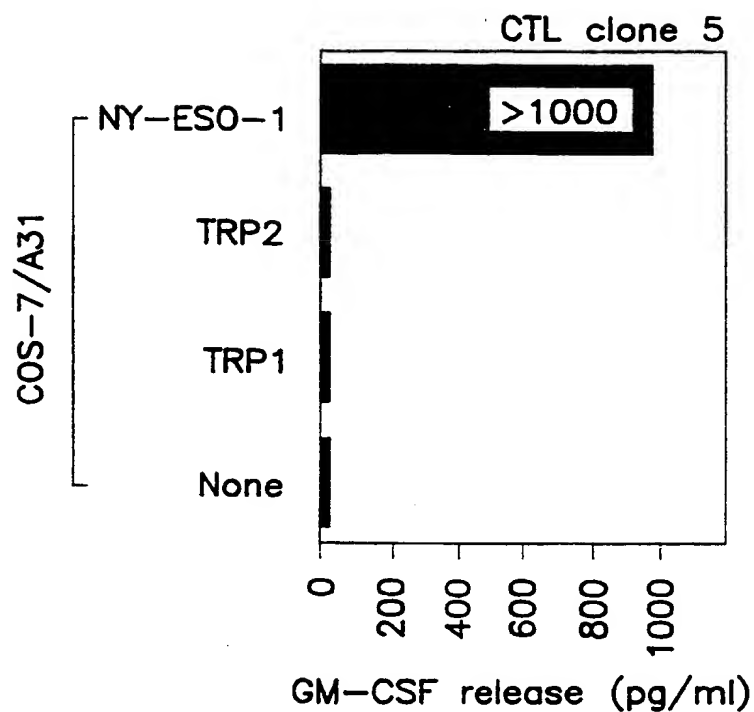


FIG. 6E

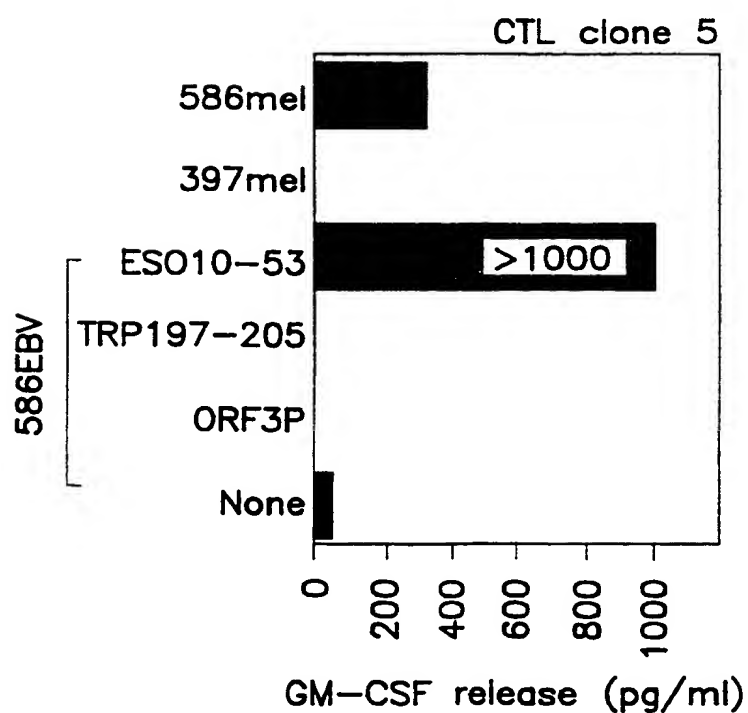


FIG. 6F

13 / 16

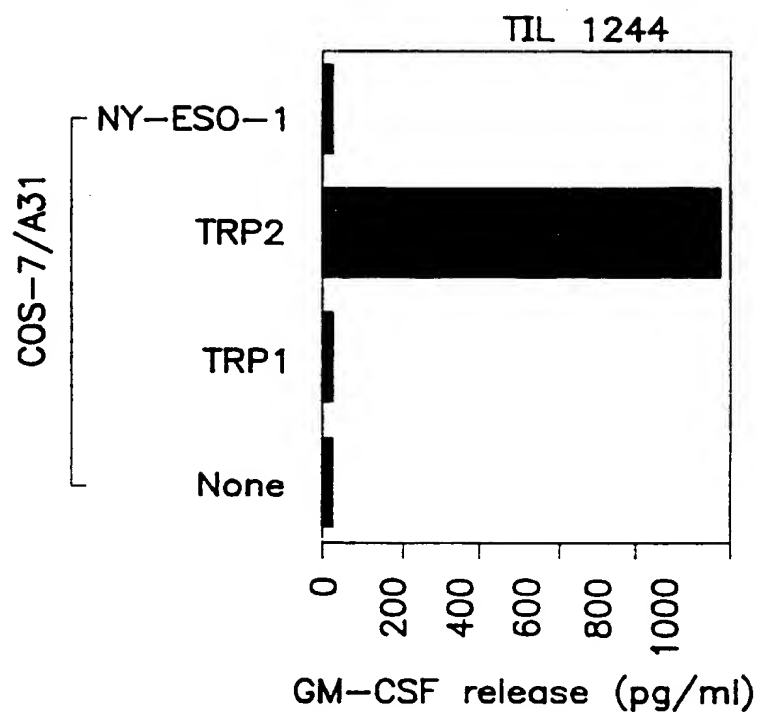


FIG. 6G

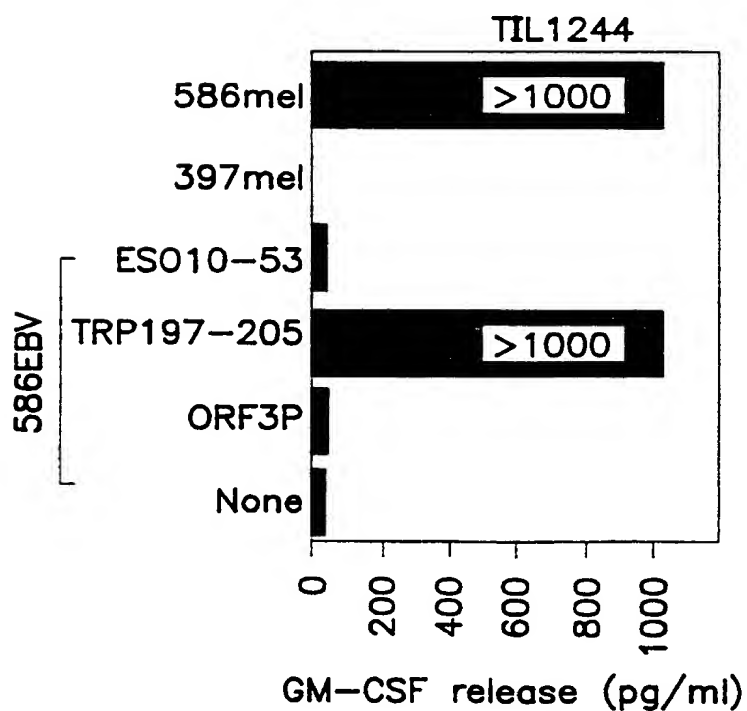


FIG. 6H

14 / 16

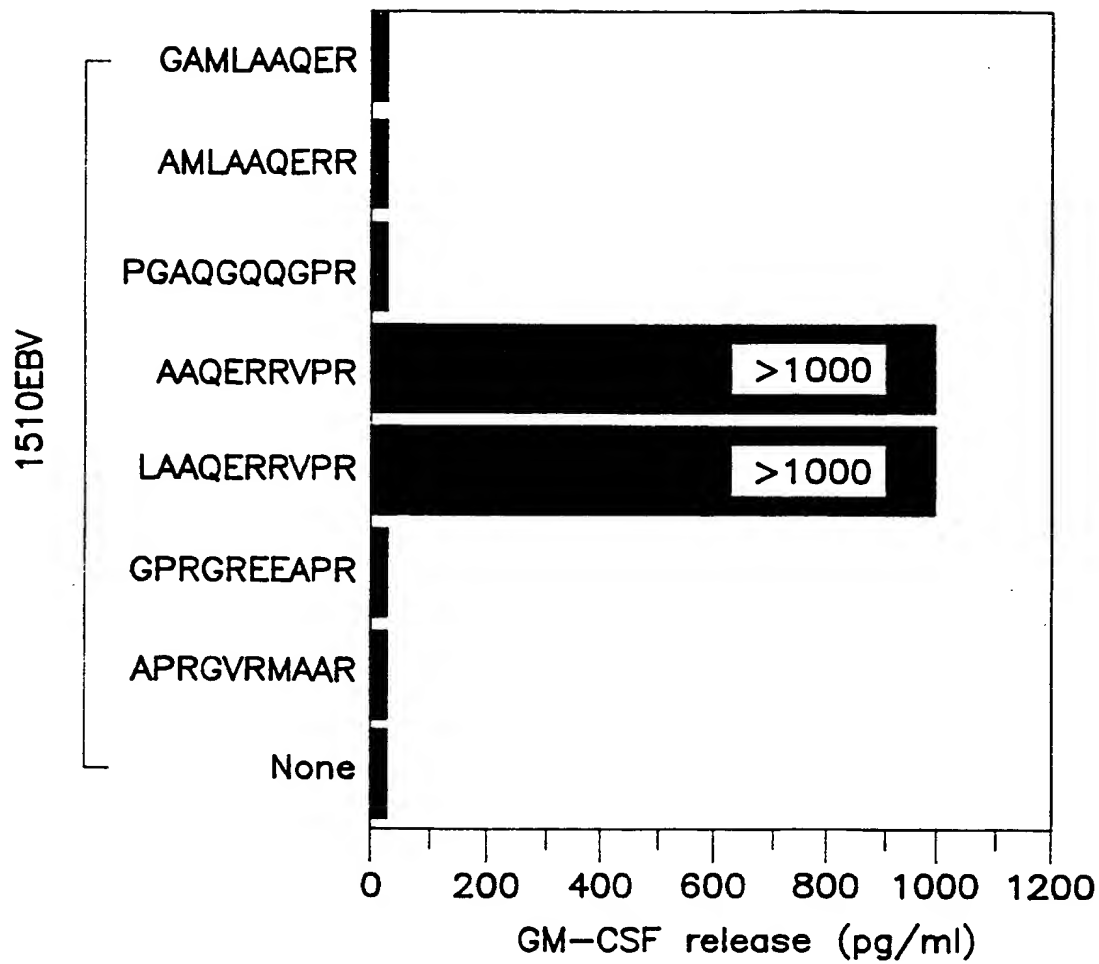


FIG. 7A

15 / 16

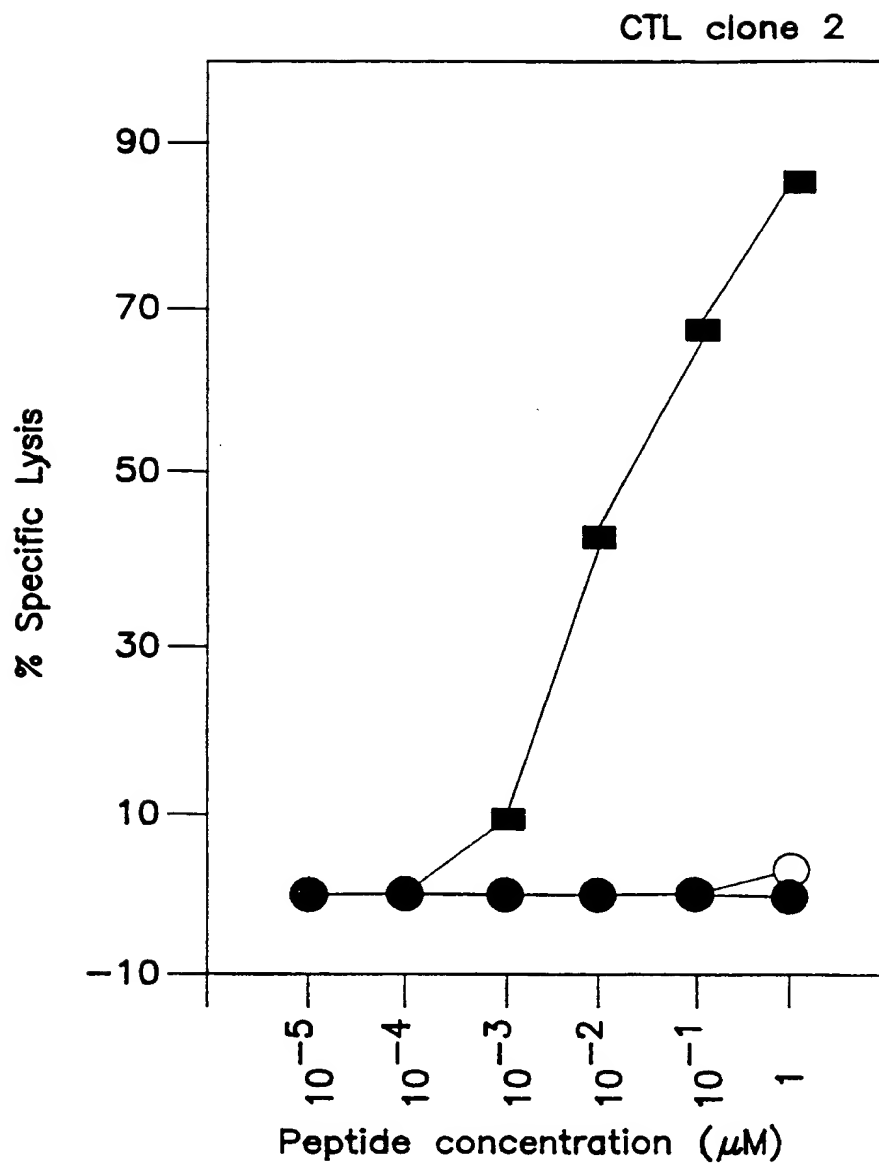


FIG. 7B

